PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number 10/014,285							
Filing Date	December 11, 2001	_					
First Named Inventor	Matz et al.	_					
Art Unit	3729						
Examiner Name							
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Attorney Docket Number	00883DIV1						

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Examiner nitials*	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known)		ation Date DD-YYYY	Арр	Name of Patentee or licant of Cited Document	Relevant Passages or Relev Figures Appear	/ant
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Examiner Signature	Date Considered	4/13/04

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Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language

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		U. S. PATE	ENT DO	CUMENTS			·	
Examiner Initial	Document Number	issue Date		Patentee	Class	Sub- Class	Filing Date	
-m+	4,126,865	11/1978		Longhurst et al.				
1	5,276,972	1/1994		Staney				
	5,351,060	9/1994		Bayne				
	5,894,674	4/1999		Feldman			_	
	5,647,134	7/1997		Chou				
	5,646,638	7/1997		Winegard et al.			<u> </u>	
	5,760,739	6/1998		Pauli				
	5,829,121	11/1998		Shoemaker et al.				
	6.208.314	3/2001		Bourauin				
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	Complete if Known				
Substitute for form 1449A/PTO	Application Number	10/014,285			
	Filing Date	12/11/2001			
INFORMATION DISCLOSURE	First Named Inventor	Matz et al.			
STATEMENT BY APPLICANT	Art Unit	3729			
	Examiner Name				
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Sheet 1 of 2	Attorney Docket Number	00883DIV1			

		Document Number	S. PATENT DO		Pages, Columns, Lines, Where
	Cite No.1	Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
₩ <del>†</del> —		4,691,207	9/1987	Timineri	
		5,065,969	11/1991	McLean	
	1	5,376,941	12/1994	Fukazawa et al.	
	<u> </u>	5,463,403	10/1995	Walker et al.	·
	<del> </del>	5,589,837	12/1996	Soleimani et al.	
	<del> </del>	5,734,356	3/1998	Chang	1000
		5,915,020	6/1999	Tilford et al.	BECEIVE
1-	T	5,923,288	7/1999	Pedlow, Jr.	
	<del> </del>	5,940,028	8/1999	lwamura	4 DD -0 -7 mad-
		5,992,809	11/1999	Sweere et al.	APR 0 3 2003
$\vdash$		6,008,769	12/1999	Palmiter et al.	
		6,188,372	2/2001	Jackson et al.	TECHNIOLOGY CENTER R
1	T -	6,216,266	4/2001	Eastman et al.	TO COVIEN
1	T	6,229,480	5/2001	Shintani	
		6,337,658	1/2002	Tong et al.	,
1	T	6,480,161	11/2002	Watson	

		FOREIGN F	PATENT DOC	UMENTS		
Examiner Inilials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T°
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1		EP 1 014 481 A1	6/2000	Gunnar Fogelstöm		$\perp$
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<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO	Application Number	10/014,285
Substitute for form 1445/41 10	Filing Date	12/11/2001
INFORMATION DISCLOSURE	First Named Inventor	Matz et al.
STATEMENT BY APPLICANT	Art Unit	3729
STATEMENT BY AFT CIOANT	Examiner Name	
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Sheet 1 of 1		

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No.'	Number - Kind Code <sup>2</sup> (if known)	WIW-DD-1111		i igures Appear
	US 2002/0084941	7/2002	Matz et al.	PEOP
		7/2002	Matz et al.	- Chip
			McDonald	
			Saunders et al.	JUL 0 7
			Matz et al.	2003
			Matz et al.	ECHNOLOS
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<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language



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	Complete if Known			
Substitute for form 1449A/PTO	Application Number	10/014,285		
Substitute for form 1440/01 10	Filing Date	December 11, 2001		
INFORMATION DISCLOSURE	First Named Inventor	Matz et al.		
STATEMENT BY APPLICANT	Art Unit	3729		
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Sheet 1 of 1	Attorney Docket Number	00883DIV1		

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	No.1	Number - Kind Code <sup>2</sup> (if known)					Figures Appear		
141 <del>-</del>		6,580,391	06-200	3		ley et al.			
<del>- M/-  </del>		5,764,186	06-199			, Yong Tae			
		5,138,651	08-199			lo, Yozo			
V		4,258,568	03-198	1	Boe	tes et al.	RECEN	15	
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<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language